

	<b>GHG Project Verification Opinion</b>	FOR-132-P
		Effective date: 2023-03-31 Version:02

**VERSA EXPERTOS EN CERTIFICACIÓN S.A.S.**  
**GHG Project Verification Opinion**  
**ORINOCO2 2018-2022**

*Versa Expertos en Certificación S.A.S.* been commissioned by **Fundación Cataruben** to verify **ORINOCO2** GHG emissions reduction project. The declared declared **ORINOCO2** project involves the activities developed in Meta and Vichada, Colombia. The **ORINOCO2** project has been developed in accordance with the guidelines of international standards ISO 14064-2:2019, ISO 14064-3:2019 and the specific requirements of the GEI Biocarbon Standard.

*Versa Expertos en Certificación S.A.S.* conducted a review of all the supporting documentation used by **Fundación Cataruben** for the elaboration of the **ORINOCO2** project and made a field visit together with **Fundación Cataruben** where through interviews and review of primary information sources, it confirmed the organizational and reporting limits, activity data, emission factors and global warming potentials used; as well as the methodological assumptions and exclusions made.

*Versa Expertos en Certificación S.A.S.* established the objectives, scope and verification criteria in the commercial proposal and legal agreement VERSA-P-0179 and in the approved audit plan for the verification of the **ORINOCO2**. The objectives, scope and verification criteria are described below:

#### *Objective*

The Verification process consists of the evaluation by *Versa Expertos en Certificación S.A.S* of the project design document and/or monitoring reports in accordance with the guidelines of the ISO 14064-2:2019 standard, the guidelines of the selected GHG program, the methodologies used and the legislation of the country where the project is developed.

#### *Scope*

Validate and verify the project activities, PDD, monitoring plan, GHG sources, sinks and/or deposits, GHG emissions reduction quantification period, baseline scenario, requirements, management processes legal and information, guidelines and methodological documents for Biocarbon Standard. **Sectoral scope:** AFOLU; REDD+ and Activities that avoid land use change of natural savannahs.

#### *Criteria*

- ISO 14064-2:2019 - Specification with project-level guidance for quantification, monitoring and reporting of greenhouse gas (GHG) emission reduction activities and enhancement of GHG removals.
- ISO 14064-3:2019 - Specification with guidance for the validation and verification of greenhouse gas (GHG) declarations.
- Tool for demonstrating compliance with REDD+ safeguards, version 1.1, January 26, 2023.
- Sustainable Development Safeguards (SDSs), version 1.0, april, 2024
- Tool for determining contributions to meeting the Sustainable Development Goals (SDGs), version 2.0, March 1, 2022.
- Avoid Double Accounting (ADC) Tool, version 1.0, March 9, 2023.
- Monitoring, Reporting and Verification (MRV) Tool, version 1.0, February 13, 2023.
- Permanence and Risk Management Tool, version 1.0, March 7, 2023.
- Additionality and Baseline Tool, version 1.3, March 1, 2024.
- Greenhouse Gas Project Validation and Verification Manual, version 2.4, January 9, 2024.



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*Versa Expertos en Certificación S.A.S.* ensures that the data and information supporting the GHG statement are historical in nature. Verification activities have been configured in such a way that they offer a high, but not absolute, level of assurance.

*Versa Expertos en Certificación S.A.S.* identified that, according to the review of the evidence provided by **Fundación Cataruben** and during the field visit, from the beginning of the initiative the **ORINOCO2** project has generated contributions to the Sustainable Development Goals (SDGs 6,13 and 15 defined by the project) applicable for the components (*Quantification of GHG Emission Reductions*) according to the relevant criteria and indicators.

*Versa Expertos en Certificación S.A.S.* verified that the project presents the procedures related to the monitoring of co-benefits for the special categories *Wax Palm*, described in the "*BioCarbon\_joint Validation and verification Report*". These co-benefits are listed below:

- ▶ Biodiversity
- ▶ Community
- ▶ Gender equity

*Versa Expertos en Certificación S.A.S.* based on the results of the activities developed, it declares for all intended users that the **ORINOCO2** project of **Fundación Cataruben** in 2024, complies with the principles established by ISO 14064-2:2019, ISO 14064-3:2019 and the GHG Biocarbon Standard program, are within the level of material assurance and importance and is free from material errors. This statement is issued and addressed to Biocarbon Standard and other interested parties.

Project Document Format ( DoP ) (Version 2.4)	
Project's name	<b>ORINOCO2</b>
Project proponent	Fundación Cataruben
Project proponent contact information	Maria Fernanda Wilches Fonseca, General Manager Email: orinoco2@cataruben.org ; gerencia@cataruben.org Address: Carrera 20 # 36-04, Yopal-Casanare, Colombia. Tel.: +57 3102137763 / +57 3204998729
Project owner	Fundación Cataruben
Project Owner Contact Information	Maria Fernanda Wilches Fonseca, General Manager Email: orinoco2@cataruben.org ; gerencia@cataruben.org



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<b>Project Document Format ( DoP )</b> <b>(Version 2.4)</b>	
	Address: Carrera 20 # 36-04, Yopal-Casanare, Colombia. Tel.: +57 3102137763 / +57 3204998729
<b>Project participants</b>	Multiple owners of private properties in the departments of META and VICHADA.
<b>Version</b>	2.6
<b>Date</b>	December 09 2024
<b>Project Type</b>	Agriculture, Forestry and Other Land Uses (AFOLU)
<b>Grouped project</b>	Yes
<b>Applied methodology</b>	BCR0002 Methodology: Quantification of GHG Emission Reductions in REDD+ Projects, version 4.0, May 2024 of Biocarbon Standard.  BCR0005 Methodology: Quantification of GHG Emissions Reduction. Activities that prevent Land Use Change in Natural Savannas, version 1.0, February 2023 of Biocarbon Standard.
<b>Project location (City, Country)</b>	Meta: Puerto Gaitán, Puerto López; San Martín; Mapiripán.  and  Vichada: Puerto Carreño, La Primavera, Santa Rosalía, Cumaribo  Colombia, Orinoquia region.

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<b>Project Document Format ( DoP )</b> <b>(Version 2.4)</b>	
<b>Start date</b>	October 1, 2018
<b>GHG reductions quantification period</b>	Verification period October 1, 2018 to December 31, 2022
<b>Estimated total and average annual amount of GHG emissions reduction</b>	Total amount of GHG emissions reductions/removals (01/10/2018 a 31/12/2022). REDD+ and savannas: 657,082 Estimated average annual amount of GHG emission reductions/removals. REDD+ and savannas: 154.608 tCO2e
<b>Sustainable Development Goals</b>	SDG 6 Clean water and sanitation SDG 13: Climate Action SDG 15: Life on terrestrial ecosystems
<b>Special category, related to co-benefits</b>	<i>Wax Palm</i>

Report No.: GEI-P-238  
Level of assurance: 95%  
Legal Agreement No.: VERSA-P-0179  
Material discrepancy: 5%  
Date of issue: December 14th, 2024

Director General  
**Versa Expertos en Certificación S.A.S**



ISO/IEC 17029:2019  
23-OVV-005

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